

**CLAIMS**

We claim the following:

- 1        1.        A wiper system for a truck mirror comprised of  
2                    a pneumatic cylinder configured for attachment to a compressed  
3                    air source, said pneumatic cylinder having an operating rod that is  
4                    extendable and retractable, having a stroke of approximately the width of  
5                    the mirror and being configured for front mounting; and  
6                    a mounting bracket for attaching the pneumatic cylinder to the  
7                    mirror, the mounting bracket being configured for attachment to the front  
8                    of the pneumatic cylinder and for positioning the front of the pneumatic  
9                    cylinder adjacent to or abutting a vertical side of the mirror.
- 1        2.        A wiper system according to claim 1, further comprising a switch  
2                    for selectively controlling a flow of compressed air to the pneumatic  
3                    cylinder.

1        3.        A wiper system according to claim 1, further comprising a wiper  
2        blade threadedly mounted to the operating rod.

1        4.        A wiper system according to claim 1, further comprising at least  
2        one air line configured for supplying compressed air to the pneumatic  
3        cylinder.

1        5.        A wiper system according to claim 1, wherein the pneumatic  
2        cylinder is a double-action cylinder.

1        6.        A wiper system according to claim 1, wherein the pneumatic  
2        cylinder is a single-action cylinder.

1        7.        A wiper system according to claim 1, wherein the mounting  
2        bracket is an angled member configured for attachment to the backside of  
3        the mirror.

1        8. A wiper system according to claim 2, wherein the switch is configured  
2        to manually control extension and retraction of the operating rod of the  
3        pneumatic cylinder.

1        9. A wiper system according to claim 2, wherein the switch is configured  
2        to automatically control extension and retraction of the operating rod of  
3        the pneumatic cylinder.

1        10. A wiper system mounted to a truck mirror, the wiper system  
2        comprised of  
  
3                a pneumatic cylinder operably coupled to a compressed air source,  
4        said pneumatic cylinder having an operating rod that is extendable and  
5        retractable, having a stroke of approximately the width of the mirror and  
6        being configured for front mounting;

7                a mounting bracket attaching the pneumatic cylinder to the mirror,  
8        the mounting bracket being attached to the front of the pneumatic cylinder  
9        and positioning the front of the pneumatic cylinder adjacent to or abutting  
10       a vertical side of the mirror; and

11                    a wiper blade mounted to the operating rod.

1            11.    A wiper system according to claim 10, further comprising a switch  
2            operably coupled to the pneumatic cylinder and configured for selectively  
3            controlling a flow of compressed air to the pneumatic cylinder.

1            12.    A wiper system according to claim 11, further comprising at least  
2            one air line configured for supplying compressed air to the pneumatic  
3            cylinder.

1            13.    A wiper system according to claim 12, wherein the pneumatic  
2            cylinder is a double-action pneumatic cylinder.

1            14.    A wiper system according to claim 12, wherein the pneumatic  
2            cylinder is a single-action pneumatic cylinder.

1        15.     A wiper system according to claim 12, wherein the mounting  
2        bracket is an angled member attached to the backside of the mirror.

1        16. A wiper system according to claim 15, wherein the switch is  
2        configured for manual control of extension and retraction of the operating  
3        rod of the pneumatic cylinder.

1        17. A wiper system according to claim 15, wherein the switch is  
2        configured for automatic control of extension and retraction of the  
3        operating rod of the pneumatic cylinder.

1        18.     A wiper system mounted to a truck mirror, the wiper system  
2        comprised of  
  
3             a pneumatic cylinder operably coupled to a compressed air source,  
4        said pneumatic cylinder having an operating rod that is extendable and  
5        retractable, having a stroke of approximately the width of the mirror and  
6        being configured for front mounting;  
  
7             a low-profile means for mounting the pneumatic cylinder to the

8 mirror, said means for mounting the pneumatic cylinder to the mirror  
9 being attached to the front of the pneumatic cylinder and positioning the  
10 front of the pneumatic cylinder adjacent to or abutting a vertical side of  
11 the mirror; and  
12 a means for mounting a wiper blade to the operating rod.

1 19. A wiper system according to claim 18, further comprising a means  
2 for selectively controlling a flow of compressed air to the pneumatic  
3 cylinder.

1 20. A wiper system according to claim 19, wherein the means for  
2 selectively controlling a flow of compressed air to the pneumatic cylinder  
3 is configured for manual or automatic control of extension and retraction  
4 of the operating rod of the pneumatic cylinder.